Panasonic
BUSINESS

Standard Signage Displays Are Engineered for Confident and Reliable 24/7 Operation

SF2 Series				
	TH-65SF2	**TH-55SF2**	**TH-49SF2**	**TH-43SF2**
Screen size	65-inch	55-inch	49-inch	43-inch
Panel/backlight	IPS / Edge LED			
Brightness	450 cd/m^2			
Contrast	1,300:1	1,100:1		
Operating time	24 hours/day			

Immersive Pictures from Advanced IPS Panel

- High 450 cd/m^2 Brightness Makes for Comfortable Viewing in Bright Spaces
- IPS Panel Preserves Color Accuracy and Visibility When Viewed Off-Axis
- Optimized Image Modes to Suit Specific Content, Video Sources, and Environments
- Slim-bezel Design Looks Great and Maximizes Viewable Screen Area in Smaller Physical Display Size

Easy-to-Install Self-Contained Signage

- DIGITAL LINK Transmits Video, Audio, and Control Signals up to 150 m (492 ft)* in Large Venues, Saving on Cabling Costs
- USB Media Player for Simple Signage Applications Without Set Top Box (STB)
- Content Management Software for Automated Signage Playback with Scheduling Function
- Data-cloning Function Copies Settings Data from Master Display via USB Memory or LAN to Slave Displays
- Easy Network Setup for Multiple Displays via USB Memory Cloning Function
- Supports CEC over HDMI® for Power On/Off Synchronized to Playback Control

Dependable and Consistent 24/7 Imaging Performance

- Efficiency and High Reliability for Continuous 24-hour Operation
- Failback/Failover Function for Emergencies When Signals Interrupted
- Customizable Image Display on Startup and When No Signal Is Detected
- Free Multi Monitoring & Control Software to Monitor and Control up to 2,048 Devices over LAN from Single PC
- Optional ET-SWA100 Series Early Warning Software to Monitor Device Status, History, and Send Alerts if Abnormalities Are Detected

* TH-65SF2E (for Europe/CIS) and TH-65/55/49/43SF2W (for Asia, Middle East, Africa) only. 150 m (492 ft) transmission available only with ET-YFB200G DIGITAL LINK Switcher for signals up to 1080/60p (dot clock frequency 148.5 MHz) in Long Reach Mode.

Specifications

Model	TH-65SF2	TH-55SF2	TH-49SF2	TH-43SF2
Display panel				
Screen size (diagonal)	65-inch (1,639 mm)	55-inch (1,387 mm)	49-inch (1,232 mm)	43-inch (1,079 mm)
Panel type	IPS/Edge LED			
Aspect ratio	16:9			
Effective display area (W x H)	1,428 x 803 mm (52.6″ x 31.6″)	1,209 x 680 mm (47.6″ x 26.7″)	1,073 x 604 mm (42.2″ x 23.7″)	941 x 529 mm (37.0″ x 20.8″)
Number of pixels (H x V)	1920 x 1080			
Brightness	450 cd/m^2			
Contrast ratio	1,300:1	1,100:1		
Dynamic contrast	50,000:1			
Response time	10 ms (G to G)	12 ms (G to G)		
Viewing angle (Horizontal/vertical)	178 °/178 ° (CR ≥ 10)			
Connection terminal				
Video In / Audio In	4-pole Mini-jack (M3) x 1			
HDMI In	HDMI TYPE A connector x 2			
DVI-D In	DVI-D 24-pin x 1 (DVI Revision 1.0 compliant), HDCP 1.1 compatible			
Audio In (L/R)	4-pole Mini-jack (M3) x 1 (Shared with PC/Video In)			
PC In	Mini D-sub 15-pin (DDC2B compatible) x 1			
Audio In (L/R)	4-pole Mini-jack (M3) x 1 (Shared with DVI-D/Video In)			
DVI-D Out	DVI-D 24-pin x 1 (DVI Revision 1.0 compliant), HDCP 1.1 compatible			
Audio Out (L/R)	Stereo Mini-jack (M3) x 1			
USB memory	USB TYPE A connector x 1, DC 5 V/1 A (USB 3.0 is not supported)			
Control				
Serial In/Out	D-sub 9-pin x 1/x 1, RS-232C compatible			
LAN	RJ45 x 1, 100BASE-TX, compatible with PJLink™ for TH-65SF2E (for Europe/CIS) and TH-65/55/49/43SF2W (for Asia, Middle East, Africa) (Shared with DIGITAL LINK); 10BASE-T/100BASE-TX, compatible with PJLink™ for TH-55/49/43SF2E (for Europe/CIS) and TH-65/55/49/43SF2U (for Americas)			
DIGITAL LINK	RJ45 x 1, 100BASE-TX, compatible with PJLink™ for TH-65SF2E (for Europe/CIS) and TH-65/55/49/43SF2W (for Asia, Middle East, Africa) (Shared with LAN)			
IR In/Out	Stereo Mini-jack (M3) x 1/ x 1			
Audio				
Built-in speaker	20 W [10 W + 10 W]			
Electrical				
Power requirements	110–127 V AC, 50/60 Hz, 220–240 V AC, 50/60 Hz			
Power consumption	155 W	115 W	110 W	95 W
On mode average power consumption*[1]	124 W	87 W	73 W	61 W
Power off condition	Approx. 0.3 W			
Standby condition	Approx. 0.5 W			
Mechanical				
Dimensions (W x H x D)	1,452 x 834 x 64 mm (57.2″ x 32.9″ x 2.5″)	1,234 x 710 x 46 mm (48.5″ x 28.0″ x 1.8″)	1,098 x 634 x 46 mm (43.2″ x 24.9″ x 1.8″)	965 x 559 x 46 mm (38.0″ x 22.0″ x 1.8″)
Bezel width	T/R/L: 9.5 mm (0.38″), B: 15.7 mm (0.62″)	T/R/L: 9.5 mm (0.38″), B: 15.5 mm (0.62″)		
Weight	Approx. 29.8 kg (65.7 lbs.)	Approx. 18.0 kg (39.7 lbs.)	Approx. 14.7 kg (32.4 lbs.)	Approx. 10.7 kg (23.6 lbs.)
Wall-hanging pitch	VESA compliant 400 x 400 mm (15.8″ x 15.8″)			
Installation orientation	Landscape/Portrait			
Environment				
Operating environment	Temperature: 0 °C to 40 °C (32 °F to 104 °F) for up to 1,400 m altitude / 0 °C to 35 °C (32 °F to 95 °F) for between 1,400 m and 2,800 m altitude, Humidity: 20 % to 80 % (Non-condensation)			
Storage environment	Temperature: -20 °C to 60 °C (-4 °F to 140 °F) Humidity: 20 % to 80 % (Non-condensation)			
Operating time*[2]	24 hours			

*1 Based on IEC 62087 Ed.2 measurement method. *2 Periodical display of moving video is recommended to prevent and/or correct image burn-in where a still image is displayed for long periods.

Optional Accessories

▌Pedestal
TY-ST43PE9 (43″/49″)
TY-ST55PE9 (55″/65″)

▌Early Warning Software
ET-SWA100 Series*

▌Auto Display Adjustment Upgrade Kit
TY-VUK10 Series

▌Digital Interface Box
ET-YFB100G

▌DIGITAL LINK Switcher
ET-YFB200G

* Part number suffix may differ depending on the license type.

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All information included here is valid as of August 2017.

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